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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/626,815	07/27/2000	Koichiro Tanaka	1232-4638	9667
27123	7590	10/07/2004	EXAMINER	
MORGAN & FINNEGAN, L.L.P. 3 WORLD FINANCIAL CENTER NEW YORK, NY 10281-2101			PATEL, KANJIBHAI B	
			ART UNIT	PAPER NUMBER
			2625	

DATE MAILED: 10/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/626,815

Applicant(s)

TANAKA ET AL.

Examiner

Kanji Patel

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 May 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-27 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-27 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 July 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Response to Amendment

1. Applicant's amendment filed on 5/27/04 has been entered and made of record.

With this amendment claims 1,8, 9,10 and 16 are amended. Claims 18-27 are added new. Claims 1-27 are pending in the application.

2. Applicant's request for reconsideration of the finality of the rejection of the last Office action is persuasive and, therefore, the finality of that action is withdrawn.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Morgan (US 4,992,866).

For claims 1, 8 and 9, Morgan discloses an image processing apparatus (figures 1-2), comprising:

a generating device that generates a map (figure 2 provides a map; column 2, lines 63-68) having a symbol (at least 34 and 36 are camera symbols or icons) indicating an installed position of a camera (in figure 2, for example cameras 64 and 68 show the installed position; for example camera 68 is installed in room 35, building 3A);

a receiving device (processor 20 in figure 1 receives information regarding camera position, field of view, tilt and zoom via controllers 80 and 82 connected to cameras 34 and 36) that receives the image data corresponding to an image picked up

by the camera associated, when the information regarding the camera including the position of camera is associated with the map (column 3, lines 34-63); and

an output device that outputs the received image data onto a display (in figure 1, monitors 1, 2, 3, 4 are used for displaying the received image data; column 3, lines 20-58).

For claim 2, Morgan discloses the image processing apparatus wherein said information regarding the camera includes the information of the direction of camera (column 5, lines 41-48).

For claim 3, Morgan discloses the image processing apparatus wherein the position of the symbol corresponding to the camera on the map is determined in accordance with said information regarding the camera (column 3, lines 49-58).

For claim 4, Morgan discloses the image processing apparatus wherein the direction of the symbol corresponding to the camera on the map is determined in accordance with the information regarding the camera (column 3, lines 49-58; column 5, lines 41-48).

For claim 5, Morgan discloses the image processing apparatus further comprising a control device that controls a camera corresponding to the symbol in response to an operation on the symbol (column 3, lines 34-48).

For claim 6, Morgan discloses the image processing apparatus wherein the data input for association is performed by a manual instruction of the operator (column 7, lines 21-32).

For claim 7, Morgan discloses the image processing apparatus further comprising a display device that displays the image data, the data input being performed on the display device (monitors in figures 1-2 are used for display).

For claims 10, 16 and 17, Morgan discloses an image processing apparatus (figures 1-2), comprising:

an input device that inputs an identification name of a camera connected to network and connection information (in figures 1 and 2, input device is camera and they are identified by numbers such as camera 34, camera 36, camera 64 and camera 68);

a receiving device (processor 20 in figure 1 receives information regarding camera position, field of view, tilt and zoom via controllers 80 and 82 connected to cameras 34 and 36) that receives tentatively image data from the camera in accordance with the connection information, and based on the connection information (column 3, lines 34-63); and

an output device (in figure 1, monitors 1, 2, 3, 4 are used for displaying the received image data) that outputs the received image data together with the identification name of the camera (34, 36, 64, 68) and the connection information (column 3, lines 34-63) onto a display (monitors 1, 2, 3, 4).

For claim 11, Morgan discloses the image processing apparatus wherein the connection information of the camera includes an Internet protocol address of the camera (column 3, lines 30-33; network includes internet protocol inherently).

For claim 12, Morgan discloses the image processing apparatus wherein said receiving device (processor 20) performs the tentative reception automatically (column 6, lines 26-38) after the input device accepts the input.

For claim 13, Morgan discloses the image processing apparatus wherein the output to the display is not, ended without confirming instruction of an operator (column 7, lines 48-54).

For claim 14, Morgan discloses the image processing apparatus wherein at least one instruction of the pan, tile and zoom conditions is automatically output to a camera in accordance with the connection information, in performing the automatic reception, to receive an image of the camera in stated conditions (column 6, lines 26-62; column 3, lines 34-58).

For claim 15, Morgan discloses the image processing apparatus wherein at least one of the pan, tile and zoom of the camera is changeable in accordance with an instruction on the display, in performing the tentative reception of the image data, the image data received tentatively being variable (column 6, lines 26-62; column 3, lines 34-58).

For claims 18, 24 and 26, Morgan discloses an image processing apparatus (figures 1-2), comprising:

a generating device that generates a map (50 in figure 2 provides a map) having a symbol (34 and 36 are camera symbols) indicating an installed position of a camera (in figure 2, cameras 64 and 68 show the installed position; for example camera 68 is installed in room 35, building 3A);

a receiving device (processor 20 in figure 1 receives information regarding camera position, field of view, tilt and zoom via controllers 80 and 82 connected to cameras 34 and 36) that receives the image data corresponding to an image picked up by the camera (column 3, lines 34-63); and

an output device that outputs the received image data onto one area of a display and in response to user's setting operation of the map (in figures 1-2, monitors 1, 2, 3, 4 are used for displaying the received image data; column 2 line 63 to column 3 line 19; interface screen 30 provides a graphical representation similar to a map; user chooses the view or area to be viewed), outputs both the received image data and camera information including camera position associated with the map onto other area of the display (column 3, lines 34-58).

For claim 19, Morgan discloses the image processing apparatus wherein the other area is one dialog panel (in figure 4, at least touch screen input provides dialog panel for classifying input information).

For claim 20, Morgan discloses the image processing apparatus wherein the user's setting operation is an operation to add a new symbol to the map (at least a manual operation mode is performed by the user to change an icon or symbol to the map as shown in figure 3).

For claim 21, Morgan discloses the image processing apparatus further comprises designating device that designates start and stop of outputting the received image data onto the other area (figure 4, start and stop sequences are used for designation).

For claims 22, 25 and 27, Morgan discloses an image processing apparatus (figures 1-2), comprising:

an input device that inputs an identification name of a camera connected to a network and connection information (in figures 1 and 2, input devices are provided by camera controllers 80 and 82 and provide connection information to the network and the processor 20. the cameras and their connection information to the connected network is provided by identifying them by numbers such as camera 34, camera 36, camera 64 and camera 68);

a receiving device (processor 20 in figure 1 receives information regarding camera position, field of view, tilt and zoom via controllers 80 and 82 connected to cameras 34 and 36) that receives the image data corresponding to an image picked up by the camera (column 3, lines 34-63); and

an output device (in figures 1-2, monitors 1, 2, 3, 4 are used for displaying the received image data) that outputs the received image data on one area of a display (user selects the area to be viewed on the selected monitor) and in response that user's test displaying operation of image from the camera corresponding to the connection information input by said input device (column 2 line 63 to column 3 line 58), outputs the test image data onto other area of the display.

For claim 23, Morgan discloses the image processing apparatus further comprising a generating device that generates a list of the identification name of the camera (processor 20 acts as a generating and processing device);

wherein said input device inputs the connection information of the camera of which identification name is included in said list (in figures 1 and 2, input devices are provided by camera controllers 80 and 82 and provide connection information to the network and the processor 20. the cameras and their connection information to the connected network is provided by identifying them by numbers such as camera 34, camera 36, camera 64 and camera 68).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-27 are rejected under 35 U.S.C. 102(e) as being anticipated by Kawai et al. (US 6,680,746 B2).

The applied reference has a common assignee with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

For claims 1, 8 and 9, Kawai et al. disclose an image processing apparatus (at least figures 1-2, 17-18), comprising:

a generating device that generates a map indicating an installed position of a camera (fig. 1; column 5 line 45 to column 6 line 19);

a receiving device that receives the image data corresponding to an image picked up by the camera associated, when the information regarding the camera including the position of camera is associated with the map (column 5 line 64 to column 6 line 44); and

an output device that outputs the received image data onto a display (column 6, lines 25-54).

For claim 2, Kawai et al. disclose the image processing apparatus wherein said information regarding the camera includes the information of the direction of camera (column 6 line 50 to column 7 line 19).

For claim 3, Kawai et al. disclose the image processing apparatus wherein the position of the symbol corresponding to the camera on the map is determined in accordance with said information regarding the camera (column 6 line 44 to column 7 line 19).

For claim 4, Kawai et al. disclose the image processing apparatus wherein the direction of the symbol corresponding to the camera on the map is determined in accordance with the information regarding the camera (column 6 line 44 to column 7 line 19).

For claim 5, Kawai 3t al. disclose the image processing apparatus further comprising a control device that controls a camera corresponding to the symbol in response to an operation on the symbol (column 5, lines 45-54).

For claim 6, Kawai et al. disclose the image processing apparatus wherein the data input for association is performed by a manual instruction of the operator (abstract).

For claim 7, Kawai et al. disclose the image processing apparatus further comprising a display device that displays the image data, the data input being performed on the display device (figure 2).

For claims 10, 16 and 17, Kawai et al. disclose an image processing apparatus (figures 1-2, 17-18), comprising:

an input device that inputs an identification name of a camera connected to network and connection (at least in figure 2, cameras are identified by the camera numbers; figure 7);

a receiving device that receives tentatively image data from the camera in accordance with the connection information, and based on the connection information (column 5 line 64 to column 6 line 44; figure 7);

an output device that outputs the received image data together with the identification name of the camera and the connection information onto a display (column 6, lines 25-54; figure 7).

For claim 11, Kawai et al. disclose the image processing apparatus wherein the connection information of the camera includes an Internet protocol address of the

camera (column 9 line 55 to column 10 line 15).

For claim 12, Kawai et al. disclose the image processing apparatus wherein said receiving device performs the tentative reception automatically after the input device accepts the input (column 5 line 64 to column 6 line 19).

For claim 13, Kawai et al. disclose the image processing apparatus wherein the output to the display is not, ended without confirming instruction of an operator (abstract).

For claim 14, Kawai et al. disclose the image processing apparatus wherein at least one instruction of the pan, tile and zoom conditions is automatically output to a camera in accordance with the connection information, in performing the automatic reception, to receive an image of the camera in stated conditions (column 6 line 45 to column 7 line 41; figure 7).

For claim 15, Kawai et al. disclose the image processing apparatus wherein at least one of-the pan, tile and zoom of the camera is changeable in accordance with an instruction on the display, in performing the tentative reception of the image data, the image data received tentatively being variable (column 6 line 25 to column 7 line 41; figure 7).

For claims 18, 24 and 26, Kawai et al. disclose an image processing apparatus (figures 1-2, 17-18), comprising:

a generating device that generates a map indicating an installed position of a camera (fig. 1; column 5 line 45 to column 6 line 19);

a receiving device that receives the image data corresponding to an image picked up by the camera (column 5 line 64 to column 6 line 44); and

an output device that outputs the received image data onto one area of a display and in response to user's setting operation of the map (abstract; column 6, lines 25-54) outputs both the received image data and camera information including camera position associated with the map onto other area of the display.

For claim 19, Kawai et al. disclose the image processing apparatus wherein the other area is one dialog panel (in figure 2, window 46 can provide a dialog panel).

For claim 20, Kawai et al. disclose the image processing apparatus wherein the user's setting operation is an operation to add a new symbol to the map (figure 50; column 28, lines 30-63; figure 3).

For claim 21, Kawai et al. disclose the image processing apparatus further comprises designating device that designates start and stop of outputting the received image data onto the other area (figure 29).

For claims 22, 25 and 27, Kawai et al. disclose an image processing apparatus (figures 1-2, 17-18), comprising:

an input device that inputs an identification name of a camera connected to network and connection (at least in figure 2, cameras are identified by the camera numbers; figure 7);

a receiving device that receives the image data corresponding to an image picked up by the camera (column 5 line 64 to column 6 line 44); and

an output device that outputs the received image data on one area of a display and in response that user's (abstract; column 6, lines 25-54) test displaying operation of image from the camera corresponding to the connection information input by said input device, outputs the test image data onto other area of the display.

For claim 23, Kawai et al. disclose the image processing apparatus further comprising a generating device that generates a list of the identification name of the camera ((figures 5, 7);


wherein said input device inputs the connection information of the camera of which identification name is included in said list (column 9 line 55 to column 10 line 15).

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kanji Patel whose telephone number is (703) 305-4011. The examiner can normally be reached on Monday to Thursday from 8:00 a.m. to 6:30 p.m. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bhavesh Mehta, can be reached on (703) 308-5246. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Kanji Patel
Art Unit 2625
September 30, 2004


KANJIBHAI PATEL
PRIMARY EXAMINER